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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/043,770	01/08/2002	David E. Slobodin	20030/106:2	7899
25943	7590	09/07/2006	EXAMINER	
SCHWABE, WILLIAMSON & WYATT, P.C. PACWEST CENTER, SUITE 1900 1211 SW FIFTH AVENUE PORTLAND, OR 97204			MATTIS, JASON E	
			ART UNIT	PAPER NUMBER
			2616	

DATE MAILED: 09/07/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/043,770

Applicant(s)

SLOBODIN ET AL.

Examiner

Jason E. Mattis

Art Unit

2616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 June 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 21-32 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 21-32 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 6/06.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. This Office Action is in response to the Request for Continued Examination filed 6/15/06. Claims 21-32 are currently pending in the application.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 21-32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Begis (U.S. Pat. 6907034 B1) in view of Morley et al. (U.S. Pat. 6985589 B2).

With respect to claim 21, Begis discloses an apparatus (See column 5 line 63 to column 6 line 20 and Figures 3A-B of Begis for reference to an apparatus as shown in block diagram 300). Begis also discloses an adapter configured to couple the apparatus to a voice network (See column 5 line 63 to column 6 line 20 and Figures 3A-B of Begis for reference to switch 310, which is an adapter coupling the apparatus 300 to a PSTN 320, which is a voice network). Begis further discloses an input key coupled to the adapter and configured, upon activation, to initiate a negotiation procedure to procure an access code via the voice network (See column 4

line 62 to column 5 line 45 and Figure 2 of Begis for reference to a “SEND” button, which is an input key coupled to the switch 310, that upon activation initiates a procedure to receive an IP address, which is a type of access code, via the PSTN 320). Begis also discloses a network interface configured to couple the apparatus to a data network to provide a data network session of a data conference based at least in part on the access code **(See column 5 line 63 to column 6 line 20, column 4 line 62 to column 5 line 45, and Figures 2 and 3A-B of Begis for reference to the apparatus 300 having a network interface to the Internet 315, which is a data network, and for reference to providing a data network sessions including collaboration software applications, joint web browsing software application, video, and network games, based on using the procured IP address to set up a connection).** Begis further discloses an image processor coupled to the network interface and configured to communicate image data with the network interface **(See column 3 lines 39-58 and Figures 3A-B of Begis for reference to a computer 325 being coupled to the network interface through the switch 310, and for reference to using software on the computer 325 for video conference, meaning the computer 325 must include an image processor to communicate image data with the network interface).** While Begis does disclose receiving image data at the image processor from the network interface and controlling a display device based in part on the image data **(See column 3 lines 39-58 and column 5 lines 40-45 of Begis for reference to receiving image data of a video conference at the computer 325 and display the data at a display device of the computer 325),** Begis does not

specifically disclose that the display device comprises a projector. Begis also does not disclose a housing adapted to incorporate the adapter, the input key, the network interface, the image processor, and the projector into an integrated data conferencing appliance.

With respect to claim 29, Begis disclose a method (See column 4 line 62 to column 5 line 45 and Figure 2 of Begis for reference to a method). Begis also discloses coupling, by an adapter of an apparatus, the apparatus to a voice network (See column 5 line 63 to column 6 line 20 and Figures 3A-B of Begis for reference to switch 310, which is an adapter coupling the apparatus 300 to a PSTN 320, which is a voice network). Begis further discloses receiving an input from an input key of the apparatus and initiating a negotiation procedure to procure an access code based at least in part on receiving the input (See column 4 line 62 to column 5 line 45 and Figure 2 of Begis for reference to a "SEND" button, which is an input key coupled to the switch 310, that upon activation initiates a procedure to receive an IP address, which is a type of access code, via the PSTN 320). Begis also discloses providing, by a network interface of the apparatus, a data network session of a data conference over a data network based at least in part on the access code (See column 5 line 63 to column 6 line 20, column 4 line 62 to column 5 line 45, and Figures 2 and 3A-B of Begis for reference to the apparatus 300 having a network interface to the Internet 315, which is a data network, and for reference to providing a data network sessions including collaboration software applications, joint web browsing software application, video, and network games, based on using the

procured IP address to set up a connection). Begis further discloses communicating, by an image processor, image data with the network interface **(See column 3 lines 39-58 and Figures 3A-B of Begis for reference to a computer 325 being coupled to the network interface through the switch 310, and for reference to using software on the computer 325 for video conference, meaning the computer 325 must include an image processor to communicate image data with the network interface).** Begis does not disclose that the apparatus is an integrated data conferencing apparatus.

With respect to claim 31, Begis does not disclose controlling projector incorporated into the apparatus to project an image based in part on the image data.

With respect to claims 21, 29, and 31, Morley et al., in the field of communications, discloses a projector for displaying an image with the projector being part of an integrated data conferencing appliance housing an adapter, an input key, a network interface, an image processor, and the projector **(See column 8 lines 43-58, column 20 lines 23-41, and Figure 2 of Morley et al. for reference to a theater manager 132 that includes in a housing interfaces to a storage device and managing device, which are a network adapter and interface, a control panel, which includes input keys, a playback device and decoder, which are an image processor, and a projector).** Including the apparatus components in a single integrated data conferencing appliance has the advantage of allowing all the necessary device components to be purchased in a single, self-contained unit, to simplify number of devices needed to set up a data conferencing network.

It would have been obvious for one of ordinary skill in the art at the time of the invention, when presented with the work of Morley et al., to combine including apparatus components in a single integrated data conferencing appliance, as suggested by Morley et al., with the system and method of Begis, with the motivation being to allow all the necessary device components to be purchased in a single, self-contained unit, to simplify number of devices needed to set up a data conferencing network.

With respect to claims 22, 24-25 and 28, Begis discloses that the apparatus is configured to be locally coupled to an external image source, an external display device, and an external speakerphone (See column 3 lines 39-58, column 5 line 63 to column 6 line 29, and Figures 3A-B of Begis for reference to a computer 325, which acts as an image source and display device for video conferencing, being coupled to the apparatus 300, and for reference to a telephone 110, which is a speaker phone, being coupled to the apparatus).

With respect to claim 23, Begis discloses receiving image data at the image processor from the network interface and controlling a display device based in part on the image data (See column 3 lines 39-58 and column 5 lines 40-45 of Begis for reference to receiving image data of a video conference at the computer 325 and display the data at a display device of the computer 325).

With respect to claim 26, Begis discloses that the adapter is configured to couple the apparatus to the voice network to provide a voice call session of the data conference (See column 4 line 62 to column 5 line 45 and Figures 2 and 3A-B of

Begis for reference to the switch 310 coupling the apparatus 300 to the PSTN 320 to provide a voice call session of the data conference).

With respect to claim 27, Begis discloses that the data network session comprises transmission and/or reception of image data **(See column 3 lines 39-58 of Begis for reference to a video conferencing data session, which includes both transmission and reception of image data).**

With respect to claims 30 and 32, Begis discloses transmitting and receiving, by the network interface, image data from an external image source locally coupled to the apparatus **(See column 3 lines 39-58 of Begis for reference to a video conferencing data session, which includes both transmission and reception of image data received at the switch 310 from the computer 325).**

Response to Arguments

4. Applicant's arguments with respect to claims 21-32 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jason E. Mattis whose telephone number is (571) 272-3154. The examiner can normally be reached on M-F 8AM-5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu can be reached on (571) 272-3155. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

jem

A handwritten signature in black ink, appearing to read 'Huy D. Vu', with a long horizontal flourish extending to the right.

HUY D. VU
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600